

Converting Colors

XYZ(69.2581, 64.2953, 64.8364)

Have a look what the booklet for
XYZ(69.2581, 64.2953, 64.8364)
contains.

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Color

**XYZ(69.2125, 64.4266,
64.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C6CA
RGB	247, 198, 202
RGB Percent	97%, 78%, 79%
CMY	0.0314, 0.2235, 0.2078
CMYK	0.00, 0.20, 0.18, 0.03
HSL	355°, 75%, 87%
HSV	355°, 20%, 97%
XYZ	69.2125, 64.4266, 64.6648
YIQ	213.1070, 27.9200, 11.6320

Conversions

Conversions Part 2

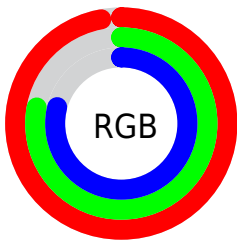
Format	Color
R _Y B	247, 198, 202
Decimal	16238282
CIE Lab	84.19, 17.99, 4.62
CIE LCh	84, 18.576, 14.416
Yxy	64.4266, 0.3490, 0.3249
Android (android.graphics.Color)	4294428362 (0xFFF7C6CA)
YUV	213.1070, -5.4758, 29.7242
Hunter-Lab	80.2662, 13.4524, 8.4206

Details

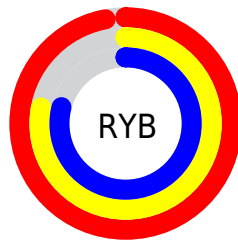
The XYZ color **69.2125, 64.4266, 64.6648** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7297, 84.9999, 97.3715**, and the grayscale version is **63.3413, 66.6400, 72.5710**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5538, 33.0318, 32.4662** is the 20% darker color. If you saturate the color by 10%, you get **61.5289, 53.0463, 49.8114**, and if you desaturate by 10%, it is **78.2152, 77.8119, 81.9075**.

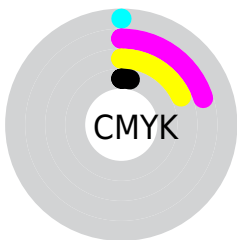
Distribution



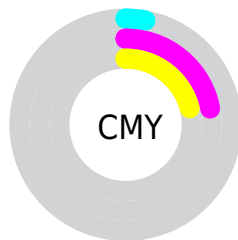
- Red (97%)
- Green (78%)
- Blue (79%)



- Red (97%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (3%)




- Cyan (3%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2125, 64.4266, 64.6648 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.2125, 64.4266, 64.6648 by changing the saturation by 10% instead.


 69.2125, 64.4266,
64.6648

 69.2125, 64.4266,
64.6648


447.0898,
440.7285, 459.8596

 51.1621, 46.9963,
46.7397


117.1174,
111.2251, 113.1765

 36.5592, 33.0327,
32.4771


147.7027,
141.3620, 144.6001

 25.0385, 22.1515,
21.4583


183.1968,
176.5033, 181.3604

 16.2346, 13.9683,
13.2649

223.9654,
217.0333, 223.8758

 9.7822, 8.0986,
7.4784

270.3735,
263.3365, 272.5649

 5.3160, 4.1581,
3.6801


322.7868,

 2.4705, 1.7624,

315.7971, 327.8462

1.4515


381.5704,
374.7997, 390.1382


 0.8804, 0.4636,
0.1814


 0.0000, 0.0000,
0.0000


 69.2125, 64.4266,
64.6648


 69.2125, 64.4266,
64.6648


 61.5289, 53.0463,
49.8114


 78.2152, 77.8119,
81.9075

 55.0974, 43.5664,
37.2380

 88.5892, 93.2829,
101.6341

 49.8530, 35.8856,
26.8328

 92.1680, 98.5143,
108.7651

 45.7228, 29.8904,
18.4731

■ 42.6259, 25.4537,
12.0237

■ 40.4703, 22.4309,
7.3333

■ 39.1476, 20.6499,
4.2274

■ 38.4933, 19.8354,
2.4859

■ 38.4855, 19.8253,
2.4667

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1672, 64.4266, 76.4073



69.2125, 64.4266, 64.6648



67.0553, 64.4266, 55.4726

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2125, 64.4266, 64.6648



55.8698, 64.4266, 55.1939



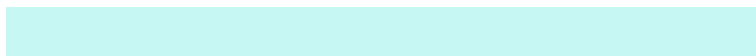
59.1369, 64.4266, 94.2858

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.2125, 64.4266, 64.6648



72.7297, 84.9999, 97.3715

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.7626, 64.4266, 87.2108



69.2125, 64.4266, 64.6648



53.9347, 64.4266, 64.2433

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2125, 64.4266, 64.6648



59.2892, 64.4266, 50.4339



53.8963, 64.4266, 75.9361



63.2240, 64.4266, 94.4314

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.2125, 64.4266, 64.6648



64.7119, 64.4266, 51.6526



53.8963, 64.4266, 75.9361



57.8859, 64.4266, 92.6066

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.2143, 64.4295, 64.6661



88.1812, 89.7514, 95.8542



73.9178, 66.1464, 96.8678



18.7214, 18.9824, 20.2255



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2143, 64.4295, 64.6661



70.7718, 63.8684, 62.5032



73.7323, 74.2129, 63.8681



16.5540, 16.5044, 17.3978



20.3737, 10.4929, 1.4102



1.8092, 0.9296, 0.2214

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.2143, 64.4295, 64.6661



70.7718, 63.8684, 62.5032



67.4349, 73.4341, 98.6162



16.5540, 16.5044, 17.3978



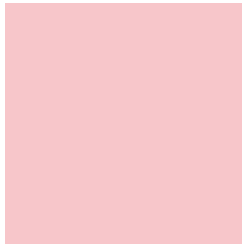
20.3737, 10.4929, 1.4102



1.8092, 0.9296, 0.2214

Previews

White Background



This preview shows how the XYZ color 69.2125, 64.4266, 64.6648 looks on a white background.

Color Contrast Check

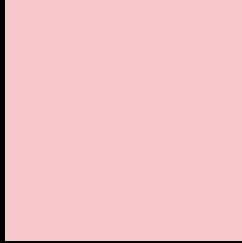
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.2125, 64.4266, 64.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2125, 64.4266, 64.6648

Background



This preview shows how black text looks on a background with the XYZ color 69.2125, 64.4266, 64.6648.



This preview shows how white text looks on a background with the XYZ color 69.2125, 64.4266,

64.6648.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.2125, 64.4266, 64.6648

Protanopia

61.9172, 64.4511, 68.8514

Deuteranopia

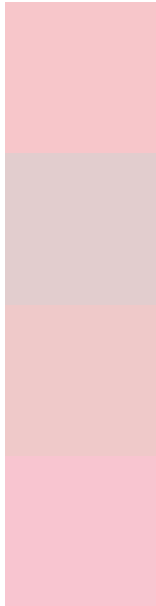
65.8302, 64.4213, 64.2233



Tritanopia

70.3350, 64.1898, 70.9702

Trichromacy



Original Color

69.2125, 64.4266, 64.6648

Protanomaly

64.3359, 64.2876, 67.4104

Deuteranomaly

67.0259, 64.3411, 64.1448

Tritanomaly

70.0628, 64.4430, 68.4205

Monochromacy



Original Color

69.2125, 64.4266, 64.6648

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.1158, 65.7228, 69.5754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2125, 64.4266, 64.6648 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 202) }
```

Border

The CSS property to change the border of an element to XYZ 69.2125, 64.4266, 64.6648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 198, 202) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 198, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2125, 64.4266, 64.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
198, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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